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2002

Docket No. MIT9126  
03094  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jin Qiu et al.

Serial No.: 10/052,667

Filed: January 18, 2002

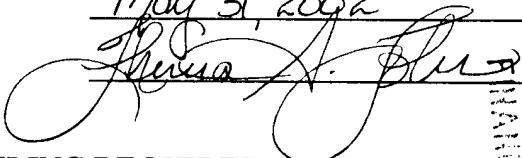
For: Bistable Actuation Techniques, Mechanisms, and Applications

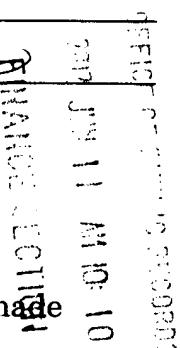
**BOX MISSING PARTS**

**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, DC 20231**

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail, under 37 CFR 1.8(a), in an envelope addressed to: Box Missing Parts, Assistant Commissioner For Patents, Washington, D.C. 20231,

May 31, 2002





**COMPLETION OF FILING REQUIREMENTS**

This replies to the Notice to File Missing Parts of Nonprovisional Application- Filing Date Granted, mailed on April 3, 2002. This reply is made within the two-month reply.

A copy of the Notice to File Missing Parts of Application-Filing Date Granted (Part 2) is enclosed.

**Declaration**

The declaration provided with the application as-filed was not signed. Enclosed are two Declarations which together provide original signatures of all named inventors and in compliance with 37 CFR §1.63.

The first Declaration copy provides signatures of the following named inventors:

Jin Qiu

Michael P. Brenner

Alexander H. Slocum

Jian Li

Jeffrey H. Lang

The second Declaration provides the signature of the following named inventor:

Ralf Strempler

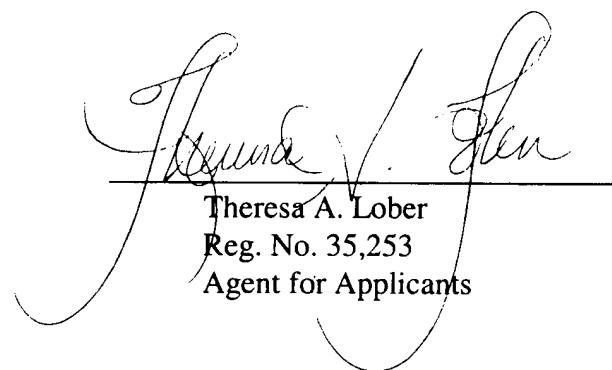
**Completion Fees**

**Surcharge Fees:** \$65.00

Please apply the fee of \$65.00 under 1.16(l) to Deposit Account No. 19-2553. Please apply any deficiency in the stated fee, any other required fees, and any overpayment, to Deposit Account No. 19-2553.

Respectfully submitted,

Date: May 31 2002  
T.A. Lober Patent Services  
45 Walden Street  
Concord, MA 01742  
Telephone 978.369.2181  
Facsimile 978.369.7101

  
Theresa A. Lober  
Reg. No. 35,253  
Agent for Applicants



COPY OF PAPERS  
ORIGINALLY FILED

-1-

Docket No.: MIT9126

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**COMBINED DECLARATION  
AND AUTHORIZATION OF AGENT**

**DECLARATION**

As a below-named inventor, I hereby declare that:

This declaration is for an original, joint, utility patent application;

My residence, post office address, and citizenship are as stated below under my name;

I believe that the below-named inventors are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BISTABLE ACTUATION TECHNIQUES, MECHANISMS, AND APPLICATIONS**

the specification of which:

       is attached hereto;

✓ was filed on: January 18, 2002

as Application Serial No.: 10/052,667

and was amended on:                 

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

## **CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION**

I hereby claim the benefit under 35 U.S.C. §119(e) of the following United States provisional patent application:

**Provisional Application No.**  
60/263,057

**Filing Date**  
January 19, 2001

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### **DUTY OF CANDOR**

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability of the invention as defined in Title 37, Code of Federal Regulations, §1.56.

---

### **AUTHORIZATION OF PATENT AGENT**

As a named inventor, I hereby appoint the following Patent Agent to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Theresa Lober, Patent Agent

Registration No. 35,253

I also hereby grant additional Authorization to the above-named Patent Agent to file and prosecute an international application under the Patent Cooperation Treaty based upon the above identified application, including a power to meet all designated office requirements for designated states.

---

### **CORRESPONDENCE**

Please send all correspondence to:

Theresa A. Lober  
T. A. Lober Patent Services  
45 Walden Street  
Concord, Massachusetts 01742

Please direct telephone calls to:

Theresa A. Lober  
(978) 369-2181

Please direct facsimiles to:

Theresa A. Lober  
(978) 369-7101

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

---

Full name of Second joint inventor: Jin Qiu  
Inventor's

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1010 Massachusetts Avenue, #22

\_\_\_\_\_ Cambridge, Massachusetts 02138 USA

Citizenship: China

Post Office Address: Same as Above

---

Full name of First joint inventor: Alexander H. Slocum  
Inventor's

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: One Merrill Crossing

\_\_\_\_\_ Bow, New Hampshire 03304 USA

Citizenship: USA

Post Office Address: Same as Above

---

Full name of Third joint inventor: Jeffrey H. Lang  
Inventor's

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 22 Weir Hill Road

\_\_\_\_\_ Sudbury, Massachusetts 01776 USA

Citizenship: USA

Post Office Address: Same as Above

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Full name of Fourth joint inventor: Ralf Struempler  
Inventor's  
Signature: Ralf Struempler Date: 5-7-02  
Residence: Oberriedenstrasse 35B  
CH-5412 Gebenstorf Switzerland  
Citizenship: GERMAN  
Post Office Address: Same as Above

---

Full name of Fifth joint inventor: Michael P. Brenner  
Inventor's  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 221 Rosemary Street, #2  
Needham, Massachusetts 02494 USA  
Citizenship: USA  
Post Office Address: Same as Above

---

Full name of Sixth joint inventor: Jian Li  
Inventor's  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 22 Marcella Street, #3  
Cambridge, Massachusetts 02141 USA  
Citizenship: China  
Post Office Address: Same as Above

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AND AUTHORIZATION OF AGENT**

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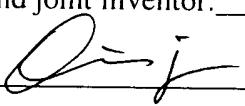
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Full name of Second joint inventor: Jin Qiu

Inventor's

Signature:  Date: 5/7/02

Residence: 1010 Massachusetts Avenue, #22

Cambridge, Massachusetts 02138 USA

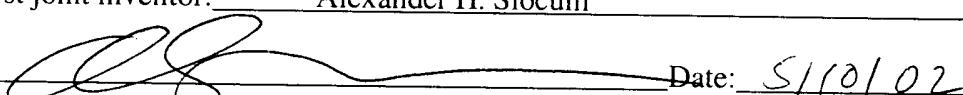
Citizenship: China

Post Office Address: Same as Above

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Full name of First joint inventor: Alexander H. Slocum

Inventor's

Signature:  Date: 5/10/02

Residence: One Merrill Crossing

Bow, New Hampshire 03304 USA

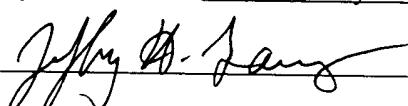
Citizenship: USA

Post Office Address: Same as Above

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Full name of Third joint inventor: Jeffrey H. Lang

Inventor's

Signature:  Date: 5/7/2002

Residence: 22 Weir Hill Road

Sudbury, Massachusetts 01776 USA

Citizenship: USA

Post Office Address: Same as Above

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Full name of Fourth joint inventor: Ralf Struempler

Inventor's

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Oberriedenstrasse 35B

CH-5412 Gebenstorf Switzerland

Citizenship: Germany

Post Office Address: Same as Above

Full name of Fifth joint inventor: Michael P. Brenner

Inventor's

Signature: MB PD Date: 5-12-02

Residence: 221 Rosemary Street, #2

Needham, Massachusetts 02494 USA

Citizenship: USA

Post Office Address: Same as Above

Full name of Sixth joint inventor: Jian Li

Inventor's

Signature: Jian Li Date: 5/8/02

Residence: 22 Marcella Street, #3

Cambridge, Massachusetts 02141 USA

Citizenship: China

Post Office Address: Same as Above